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UNIFORM HAZARDOUS WASTE MANIFEST		nifest cument No. 3 0 0 7	2. Page 1 of 1	is not requir	in the shaded areas red by Federal law.
3. Generator's Name and Mailing Addres ALASKAN COP! 3200 Sixth Ave 4. Generator's Phone (206)	PER WORKS nue South Scattle WA 98134 523-5801		B. State Ge		ent Number
5. Transporter 1 Company Name	6. USEPAID Numl rated		C State Tra		408) 627-2595
C.K.C., Incorpor 7. Transporter 2 Company Name	8. US EPA ID Numi		E State Tre		400) 0x(-4595
			F. Transpor		3 54 E
9. Designated Facility Name and Site Ad World Resource 8113 West Sher Phoenix, Arizo	es Company ·man Street		G. State Fa		- 1803 US C. 12
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16. GENERATOR'S CERTIFICATION: I hereby de proper shipping name and are classified, pack	24 HOUR EMERGENCY RESPONSE: WEAR GOGGLES clare that the contents of this consignment are fully and ac ed, marked, and labeled, and are in all respects in proper of	AND GLO	VES		ZC ***
economically practicable and that I have se	that I have a program in place to reduce the volume ar elected the practicable method of treatment, storage, or comment; OR , if I am a small quantity generator, I have a callable to me and that I can afford.	r disposal curre	ntly available to	me which mini	mizes the present and
Printed/Typed Name Gerald A. Thompson	Signature	ور مالور در معالی در معالی در در مالور	galor might fill the manuscription to be a		Month Day Year
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Printed/Typed Name	Signature				Month Day Year
19. Discrepancy Indication Space					
	on of receipt of hazardous materials covered by	y this manifes	t except as no	oted in Item 19	
Printed/Typed Name	Signature				Month Day Year

Style CF17-6 Printed by LABELMASTER, Div. of AMERICAN LABELMARK CO., CHICAGO, IL 60646 (800)621-5808

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete

Material Safety Data Sheet

F006 Recyclable Material (Filter Cake)

Recycler's Facility Name and Site Address:

World Resources Company

8113 West Sherman Street Phoenix, Arizona 85043

Tele: 1-602-233-9166 Fax: 602-936-9164

issued: 8/7/90 Revised: 9/15/93 - DLS

Call CHEMTREC only in the event of emergencies during shipping that involve a spill, leak, fire, or accident (all calls are recorded)

For Emergencies During Shipping in the US or Canada, Day or Night, Call: CHEMTREC 800-424-9300

(Use Chemtrec Company Code "WORR") For calls from other countries call: 202-483-7616 Collect

Section 1

PRODUCT - MATERIAL IDENTIFICATION

Generic Name: Electroplating/Metal-Finishing Wastewater Treatment Sludge DOT Shipping Name: RQ, Hazardous waste, solid, n.o.s., (F006) Environmental Protection Agency (EPA) Waste Classification: F006

Chemical Family: Metallic (Hydroxide) Precipitates Synonym: Non-ferrous Metal Hydroxide Filter Cake DOT Hazard Class: 9 Packaging Group III **DOT Identification Number: NA 3077** DOT Emergency Response Guide 31 Applies

Section 2

HAZARDOUS INGREDIENTS Content %: ingredient: CAS Number: **ACGIH-TLV** Toxicology: (rat, oral) 20427-59-2 0-30 Copper Hydroxide 1.0 mg/mg (Dust) LD-50 1,000 mg/kg 12054-48-7 0-15 Nickel Hydroxide 1.0 mg/m3 (Dust) LD-50 1,500 mg/kg 1305-62-0 0-15 5.0 mg/m3 (Dust) Calcium Hydroxide LD-50 7,340 mg/kg 68855-54-9 0-10 Diatomaceous Earth 6.0 mg/m3 (Dust) LD-50 3,160 mg/kg

Section 3

PHYSICAL AND REACTIVITY DATA

Description: Solid, Clay-like Clumps,

Gray/Green to Brown. Water Content 30-80%

Specific Gravity: 1 to 1.4 Solubility: Insoluble in water Density: 64 to 90 lbs/cu/ft

Incompatible Reactivity: None Known

Vapor Pressure: Insignificant Stability: Avoid contact with acids Polymerization: Will not occur

Boiling Point: Above 2600°C Melting Point: Above 1800°C

pH: 7.0 to 10.0 Odor: Nil

Section 4

FIRE AND EXPLOSION DATA

Flashpoint: Nonflammable Special Firefighting Procedures: None

Oxidation: Non-oxidizing Explosive: Non-explosive Product Decomposition. (Due to Fire or Explosion): None

NFPA Fire Diamond



Section 5

Listed Carcinogen component: Nickel

Toxicology: See Sec. 2 (Nickel Hydroxide)

TOXICITY Route of Entry: Inhalation and Ingestion

HEALTH EFFECTS AND FIRST AID Section 6

Inhalation: Dust may irritate mucous membranes and upper respiratory tract. Remove to fresh air and treat symptoms.

Ingestion: Rare in industry. Induce vomiting (do not induce vomiting or give a liquid to an unconcious person) and call a physician.

Eyes: Dust may irritate eyes. Wash with copious amounts of water for 15 minutes, if effects persist, call a physician.

Skin: Dust may irritate skin, causing forms of eczema. Wash with soap and water.

Long-Term Effects: Chronic overexposure may affect the following target organs or body systems-blood, digestive, respiratory, lungs, liver. kidneys and skin.

Comments: Special attention should be given to employees with anemia, restricted respiratory abilities, lung cancer, permanent kidney damage and metal-sensitive skin or skin lesions.

Section 7

PRECAUTIONS FOR SAFE HANDLING

Handling: Good personal and industrial hygiene should always be practiced. It is recommended that personal protective equipment be used by personnel who will come in contact with the material. The squipment should include eye protection, respirator and

Storage: Keep covered and avoid conditions where wind could cause dispersal. Do not eat, drink or smoke where material is handled to avoid inhalation or ingestion. Store in a dry area under cover from rain.

Spills: Cleaning procedures should not create excessive dust. Vacuum when possible. Package material and send to World Resources Company at above address.

Section 8

CONTROL MEASURES

Respiratory Protection: NIOSH-MSHA approved respirators as required. Other Protective Equipment: Coveralls are recommended, but not required. Eye Protection: Safety Glasses recommended. Hand Protection: Gloves recommended.

Section 9

GENERATORS VERIFICATION

This MSDS is provided solely for informational purposes and no warranty or responsibility is extended even though reasonable precautions recyclable material listed on the attached Manifest Number: Works sixth ave. Company Name and Address:

Signature:

AZF-WRC 9/93

NOTICE

TO: World Resource Company

8112 West Sherman Street Phoenix, Arizona 85043

From: Alaskan Copper Works

628 South Hanford Street Seattle, Washington 98134

SUBJECT: Land Disposal Restriction Notice

Manifest Number:	93007	
Date of Shipment:	12/23/93	

This shipment of material, which is being provided for recycling, is subject to the land disposal restrictions of 40 CFR, Part 268, Subpart D or the prohibitions specified in 268.32 or RCRA 3004(d). The applicable Land Disposal Restriction Information is provided in accordance with 40 CFR 268.7 and is shown below:

EPA Material	Regulated	Subcategory	Treatability	Treatment Standards	
Number	Constituent		Group	CFR Reference	Prohibition Level
F006	N/A	N/A	Nonwastewater	40 CFR 268.41 40 CFR 268.43	
				:	

By: Gerald A. Thompson

Alaskan Copper Environmental Assistant

MATERIAL IDENTIFICATION

DOT SHIPPING NAME:

Hazardous Waste Solid N.O.S. (F006)

DOT HAZARD CLASS: UN OR NA NUMBER:

Class 9 NA 3077 1990 EMERGENCY RESPONSE GUIDE

DOT EMERGENCY RESPONSE GUIDE 31

POTENTIAL HAZARDS

FIRE OR EXPLOSION

Some of these material may burn, but none of them ignites readily.

HEALTH HAZARDS

Contact may cause burns to skin and eyes.

Fire may produce irritating or poisonous gases.

Runoff from fire control or dilution water may cause pollution.

EMERGENCY ACTION

Keep unnecessary people away.

Isolate hazard area and deny entry.

Self-contained breathing apparatus (SCBA) and structural firefighters,s protective clothing will provide limited protection.

CALL CHEMTREC AT 1-800-424-9300 FOR EMERGENCY ASSISTANCE. (Use Chemtrec Company Code "WORR") If water pollution occurs, notify the appropriate authorities.

FIRE

Small Fires: Dry chemical, CO2, Halon, water spray or standard foam.

Large fires: Water spray, fog or standard foam is recommended.

Move container from fire area if you can do it without risk.

Do not scatter spilled material with high-pressure water streams.

Dike fire control water for later disposal.

SPILL OR LEAK

Stop leak if you can do it without risk.

Small Dry Spills: With clean shovel place material into clean, dry container and cover, move containers from spill area.

Small spill: Take up with sand or other noncombustible absorbent material and place into containers for disposal.

Large Spills: Dike far ahead of liquid spill for later disdosal.

Cover powder spill wiuth plastic sheet or tarp to minimizing spreaing.

FIRST AID

In case of contact with material, immediatly flush eyes with running water for at least 15 minutes.

Wash skin with soap and water.

Remove and isolate contaminated clothing and shoes at the site.

	used as an attachment for shipping documents,	enter shipping
manifest number in block below.		
	WAD980738546_93007	
	(Shipping Manifest Number)	



Recyclable Material

***	Container				Waste
US DOT Description	No.	Туре	Quantity	Unit	No.
RQ, Hazardous waste solid, n.o (F006), 9, NA3077, III	.s 5	CF	6,577	lbs	F006
		-			
	Q	Total uantity	6,577		

Weighed

Verified

By: